



Recombinant Human NF-kappa-B-repressing factor (NKRF)

Product Code	CSB-EP015836HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O15226
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEKILQMAEG IDIGEMPSYD LVLSKPSKGQ KRHLSTCDGQ NPPKKQAGSK FHARPRFEPV HFVASSSKDE RQEDPYGPQT KEVNEQTHFA SMPRDIYQDY TQDSFSIQDG NSQYCDSSGF ILTKDQPVTA NMYFDSGNPA PSTTSQQANS QSTPEPSQ TFPESVVAEK QYFIEKLTAT IWKNLSNPEM TSGSDKINYT YMLTRCIQAC KTNPEYIYAP LKEIPPADIP KKKLLTDGY ACEVRCQNIY LTTGYAGSKN GSRDRATELA VKLLQKRIEV RVVRRKFKHT FGEDLVVCQI GMSSYEFPPA LKPPEDLVVL GKDASGQPIF NASAKHWTNF VITENANDAI GILNNSASFN KMSIEYKYEM MPNRTWRRCRV FLQDHCLAEG YGTTKTSKHA AADEALKILQ KTQPTYPSVK SSQCHTGSSP RGSQKDKDIK DLVVYENSSN PVCTLNDAQ FNRMTVEYVY ERMTGLRWKC KVILESEVIA EAVGVKTKVK YEAAAGEAVKT LKKTQPTVIN NLKKGAVEDV ISRNEIQGRS AEEAYKQQIK EDNIGNQLLR KMGWTGGGLG KSGEGIREPI SVKEQHKREG LGLDVERVNK IAKRDIEQII RNYARSESHT DLTFSREL TN DERKQIHQIA QKYGLKSKSH GVGHDRLVY GRKRRKEDLL DQLKQEGQVG HYELVMPQAN
Source	E.coli
Target Names	NKRF
Protein Names	Recommended name: NF-kappa-B-repressing factor Short name= NFkB-repressing factor Alternative name(s): Protein ITBA4 Transcription factor NRF
Expression Region	1-690
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes a transcription factor that interacts with specific negative regulatory elements (NREs) to mediate transcriptional repression of certain NF-kappa-B-responsive genes. The protein localizes predominantly to the nucleolus with a small fraction found in the nucleoplasm and cytoplasm.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.